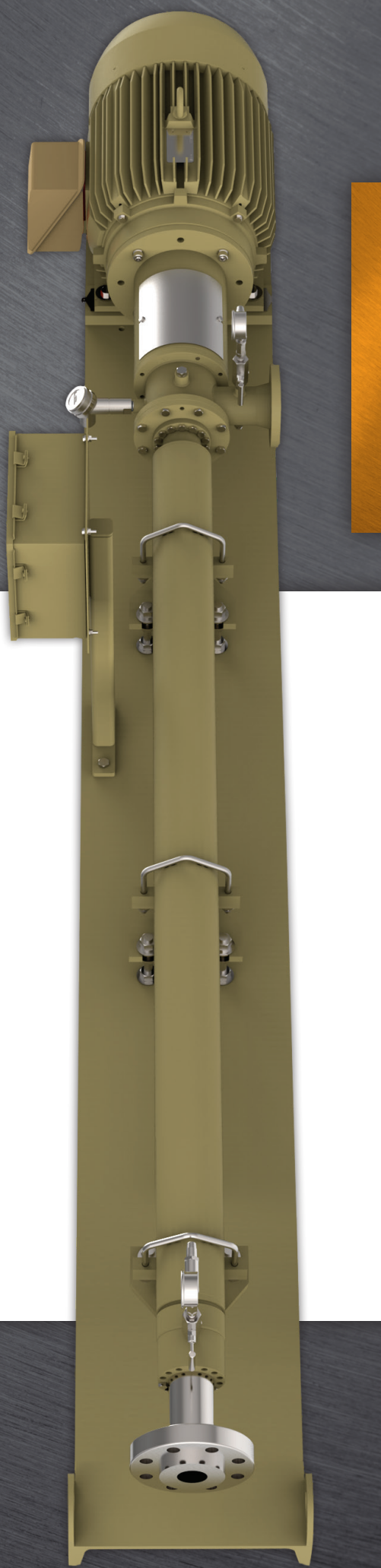
GE Oil & Gas

NTC

Close-Coupled Surface Pumping System

Compact design combined with lower upfront costs and minimal maintenance help maximize run time and minimize operating costs.



The GE Oil & Gas Surface Pumping Systems No Thrust Chamber (NTC) model is the latest offering designed to meet the needs of an ever evolving, high demand market. Featuring a design that does not require a thrust chamber, the NTC has lower upfront cost and reduced system complexity to improve reliability. With flow rates ranging from 15 gpm to 300 gpm, the NTC can be configured for a wide range of applications, with higher output pressure than many alternative pump technologies. The NTC can also be configured with Abrasion Resistant bearings to further protect the system and increase run life.

Specifications	
Flow Rate	15 – 300 US gpm (514-10,285 BPD or 82-1635 m^3/D)
Maximum Discharge Pressure	2500 psi (172 bar) (Application dependent rating)
Max Shaft Horsepower (60Hz)	Up to 75 HP (56 kW)
Max Fluid Temperature	200°F (93°C)
Housing Metallurgy	Standard carbon steel Corrosion resistant options
Stage Metallurgy	Ni-resist Type 1
Maximum Suction PSI	260 psi (18 bar) @ 200°F (93°C)
Typical System Lengths	6ft (1.8 m) - 21ft (6.4m)

GE imagination at work

GE Oil & Gas

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Applications

- Crude oil boosting/ transfer
- Jet pumping
- Lean amine circulation
- Mine dewatering
- Pipeline boosting
- Process fluids transfer
- Produced water disposal
- Produced water injection
- LACT

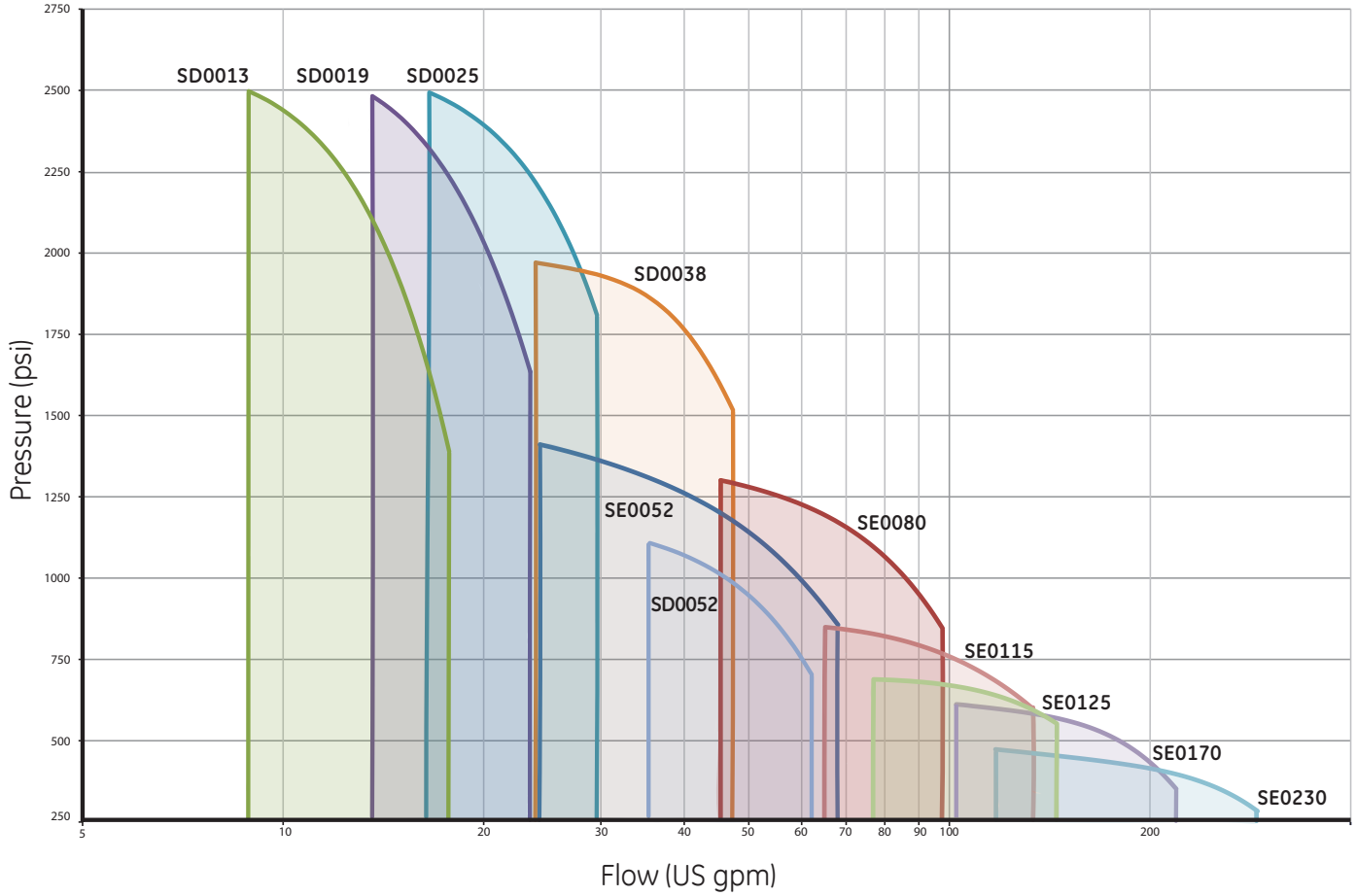
Features

- Low pump thrust eliminates need for thrust chamber
- Designed to be compact
- Designed with rear pull-out seal
- Standard C-Face, foot mounted NEMA frame motors
- Non pulsating flow

Benefits

- Reduced maintenance, upfront costs, and less mechanical parts for repairs
- Small footprint reduces site space requirement and optimizes facility design
- Minimal downtime for mechanical seal maintenance or replacements
- Motor easily replaced

Performance for SD & SE Series Pumps



Note: These values are for pumps running at 3570rpm at 1 SG.